



TFW

Atty. Docket No.: 1657/2012

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Astle, et al.  
Serial No.: 10/734,564  
Filed: December 12, 2003  
Entitled: Detection Methods Using TIMP1

Examiner: Not Yet Assigned

Group Art Unit: 3736

Conf. No.: 2507

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a**

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nancy Arsenault

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449;
3. Copies of Cited References; and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 1657/2012. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: 8/17/04

Name: Matthew Beaudet

Registration No.: 50,649

Customer No.: 29932

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111 Huntington Avenue

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**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents in the list.

Pursuant to CFR § 1.97(e)(1), each item contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application or International application. Because this statement is being filed within three months of receipt of the Search Report, no fee is believed to be due. A copy of the Search Report is included and cited on the enclosed PTO-1449.

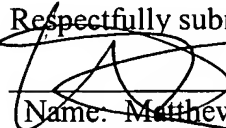
Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

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Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Date: 8/17/04

Respectfully submitted,

  
Name: Matthew Beaudet  
Registration No.: 50,649  
Customer No.: 29932  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
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USPTO Form 1449 Patent and Trademark Office U.S. Department of Commerce		Attorney Docket No. 1657/2012		Serial No. 10/734,564				
		Applicant(s): Astle, et al.						
		Filing Date: December 12, 2003		Group: 3736				
INFORMATION DISCLOSURE STATEMENT								
U.S. PATENT DOCUMENTS								
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO
	1.	WO 02/086085	31 October 2002	PCT				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
	2.	Harada, K., et al., "Human REG 1 Gene is Up-regulated in Intrahepatic Cholangiocarcinoma and its Precursor Lesions," <i>Hepatology USA</i> 33(5):1036-1042 (2001)						
	3.	Holten-Andersen, M., et al., "Measurement of the Noncomplexed Free Fraction of Tissue Inhibitor of Metalloproteinases I in Plasma by Immunoassay," <i>Clin. Chem.</i> 48(8):1305-1313 (2002)						
	4.	Lu, Xiaoqing, et al., "Immunological Quantitation of Levels of Tissue Inhibitor of Metalloproteinase-I in Human Colon Cancer," <i>Cancer Res.</i> 51(23):6231-6235 (1991)						
	5.	Okuno, K., et al., "Gene Expression Analysis in Colorectal Cancer Using Practical DNA Array Filter," <i>Diseases of the Colon and Rectum</i> 44(2):295-299 (2001)						
	6.	Pellegrini, P., et al., "Simultaneous measurement of soluble carcinoembryonic antigen and the tissue inhibitor of metalloproteinase TIMP1 serum levels for use as markers of pre-invasive to invasive colorectal cancer," <i>Cancer Immunol. Immunother.</i> 49:388-394 (2000)						
	7.	European Search Report dated May 26, 2004.						
EXAMINER					DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								
**Copies of references not provided at the time of this submission.								